

防臭、香気発散器

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図面の簡単な説明

第1図は本案の側面図、第2図は同上の縦断側面図、第3図は第2図A～A線の縦断正面図である。

考案の詳細な説明

この考案は支持体1に装着した回動体2の回転軸3に設けた回転翼4を支持体1の一侧に設けた発散室5内に收容し、発散室5の外周壁に多数の発散孔6をあけ、回転翼4と発散室5とに吸込孔7をあけたものである。

なお図中、8は一側に多数の通孔9を有する保持枠で、脱臭剤又は防臭剤10等を收容保持するものであり、該保持枠8を使用せずに、支持体1の下側部に設けた受片11上に香水或いは揮発性の脱臭剤又は防臭剤を收容して該内容物を適宜に発散せしめ得る瓶等の容器を載置して使用する場合もある。また、12は蓄電池であり、電源は蓄電池のほか家庭電気でも容易に使用し得る。13はスイッチ、14は導線である。

この考案は二枚の板に数枚の羽根を略放射状に適宜間隔で配設して外周に向つて解放状態に略筒

状を構成し、中央部に吸込孔7をあけてなる回転翼4を支持体1に設けた回動体2（モーター）の回転軸3に設け、該回転翼4を支持体1の一侧に設けた発散室5内に位置せしめたから、第2図に示すように、発散室5の一侧に固形又は液状の揮発性の脱臭剤又は防臭剤、或いは香水等10を備えておいて、回動体2によつて回転翼4を回転せしめると脱臭剤或いは香水10より発散する香気等は発散室5及び回転翼4にあけた吸込孔7より吸引され回転翼4の吸引案内により発散室5の外周壁にあけた発散孔6より外部に常時発散される。

従つて本案によれば、支持体1の一侧に脱臭剤又は防臭剤或いは香水瓶等を備えて回転翼4を回転せしめれば、吸込孔7より該回転翼4によつて香水等の香気を発散室5内に吸引し、それらが発散室5の発散孔6より外部に放散せしめることによつて、室内、便所等の臭気を迅速に除去することができるとともに、室内等の防臭旨いは脱臭を極めて確実に行うことができ、しかも、室内等を常に衛生的に管理することができるので、その使用には極めて便利であるのみならず、構造が簡単なので製作が容易であり、しかも長期間の使用に充分耐え得る等の効果がある。

実用新案登録請求の範囲

支持体1に装着した回動体2の回転軸3に設けた回転翼4を支持体1の一侧に設けた発散室5内に收容し、発散室5の外周壁に多数の発散孔6をあけ、回転翼4と発散室5とに吸込孔7をあけた防臭、香気発散器。

図 1

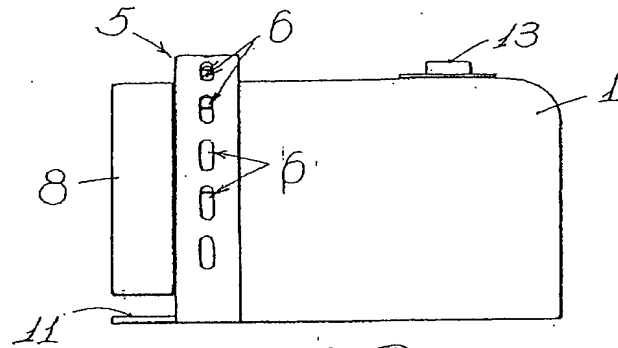


図 2

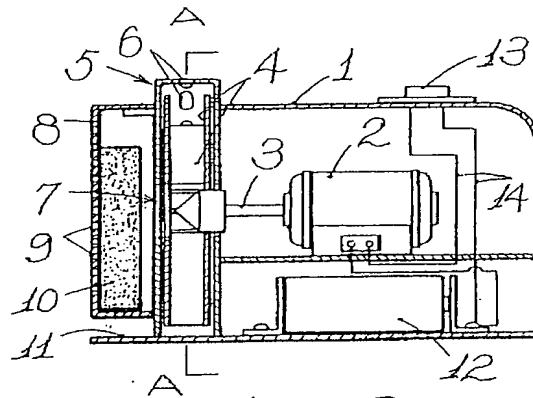
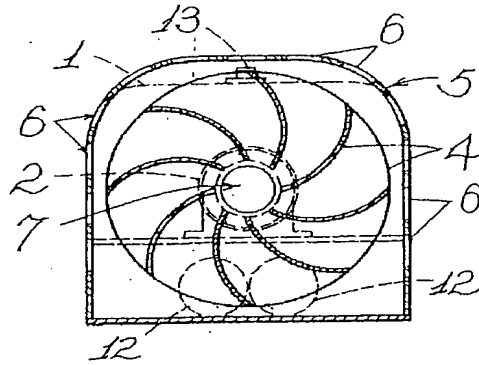


図 3



DEODORIZING FRAGRANCE-DISCHARGER

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SPECIFICATION

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a side view of the present utility model, Fig. 2 is a longitudinal section side view of the same, and Fig. 3 is a longitudinal section plan view along the line A-A of Fig. 2.

DETAILED DESCRIPTION OF THE UTILITY MODEL

This utility model is constructed by storing rotor blades 4 provided on a rotation axis 3 of a rotor 2 attached to a support body 1 in a discharge chamber 5 provided at one side of the support body 1, opening a large number of discharging holes 6 in an outer circumferential wall of the discharge chamber 5, and opening a suction hole 7 in the rotor blades 4 and discharge chamber 5.

Here, in the drawing, 8 denotes a retainer frame 8 having a large number of through holes 9 at its one side, which stores and retains an air-freshener or a deodorizer 10 or the like, and in some cases, without using the retainer frame 8, on a receiving piece 11 provided at a downside portion of the support body 1, a container such as a bottle, which stores a fragrant liquid or a volatile air-freshener or deodorizer and can appropriately discharge the contents, is placed for use. Moreover, 12 denotes storage batteries, and as a power supply, not only the storage batteries but also household electricity allows easy usage. 13 denotes a switch, and 14 denotes conductive wires.

In this utility model, the rotor blades 4 which are constructed by approximately radially disposing several blades at appropriate intervals on two sheets of plates to configure an approximately cylinder form in a released

condition toward the outer circumference and by opening the suction hole 7 at its central portion is provided on the rotation axis 3 of the rotor 2 (motor) provided on the support body 1, and the rotor blades 4 are positioned inside the discharge chamber 5 provided at one side of the support body 1, therefore, as shown in Fig. 2, when a solid or liquid-state volatile air-freshener or deodorizer or a fragrant liquid or the like 10 is, in advance, equipped at one side of the discharge chamber 5 and the rotor blades 4 are rotated by the rotor 2, a fragrance or the like discharged from the air-freshener or fragrant liquid 10 is suctioned through the suction hole 7 opened in the discharge chamber 5 and rotor blades 4 and is discharged, by suction guidance of the rotor blades 4, to the outside at all times through the discharging holes 6 opened in the outer circumferential wall of the discharge chamber 5.

Thus, according to the present utility model, when an air-freshener or deodorizer or a fragrant liquid bottle or the like is equipped at one side of the support body 1 and the rotor blades 4 are rotated, by suctioning, by the rotor blades 4, a fragrant of the fragrant liquid or the like into the discharge chamber 5 through the suction hole 7, and by diffusing these to the outside through the discharging holes 6 of the discharge chamber 5, odors in a room, bathroom, etc., can be swiftly

removed and deodorizing or air-freshening of the interior of a room, etc., can be very reliably carried out, and moreover, the interior of a room, etc., can be hygienically maintained at all times, therefore, the deodorizing fragrance-discharger of the present utility model has effects such that not only use thereof is extremely convenient, but also fabrication is easy as the structure is simple, and moreover, it can sufficiently sustain long-term use.

WHAT IS CLAIMED IS:

A deodorizing fragrance-discharger in which rotor blades 4 provided on a rotation axis 3 of a rotor 2 attached to a support body 1 are stored in a discharge chamber 5 provided at one side of the support body 1, a large number of discharging holes 6 are opened in an outer circumferential wall of the discharge chamber 5, and a suction hole 7 is opened in the rotor blades 4 and discharge chamber 5.